



Keeping an engine compressor as clean as a whistle is the best way to get maximum power from a turbine. The T-63 in your Kiowa and Cayuse is no exception.

Compressors with the yellow plastic liner corrode easily, due to any dirt build-up. Corrosion leads to cracking and chipping of the liners. And when the chips fall where they may, the compressor gets wiped out.

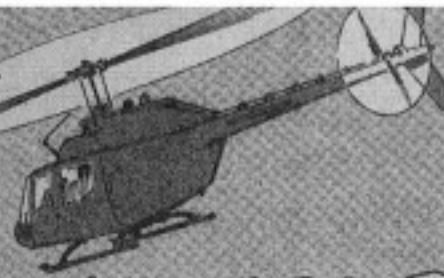
But help is on the way, knucklebusters. Compressors with more durable black plastic liners have made the scene.

No matter which type of liner you have, tho, there is no substitute for a clean compressor. You can help prevent corrosion on your T-63 by cleaning it every 50 hours.

#### GATHER CLEANING MATERIALS

Let a hot engine cool down for a minimum of 45 minutes before spraying the compressor. This will prevent warpage of internal engine parts.

MEANWHILE... LATCH ONTO A SALVAGED 10-GAL CAPACITY FIRE EXTINGUISHER, OR A SUITABLE SPRAY TANK.



Methanol is flammable so never use it when the outside temperatures are higher than 40 degrees F. No breathing of the vapors, either—'tain't healthy!

Never use petroleum base solvents or jet fuels in your compressor. They can ruin the liner.

#### OPEN 'ER UP

Remove the cowling from your Kiowa to get to the engine inlet.



You can save yourself a lot of sweat and elbow grease in the future if you get MWO 55-1520-228-30/7 (Apr 74) applied to your birds. The mod gives your bird an engine bellmouth spray nozzle with all the required hardware and lines. No need to take off any cowling... makes cleaning a chore no more!

Once the cleaning solution is in the compressor follow thru with the rinse right now. The solution can damage engine parts if it's left in for any length of time.

Make sure the anti-icing switch is in the OFF (closed) position.



Make up 2 to 4 quarts of the cleaning solution. You no longer have to heat it. Use 1 part B&B 3100 detergent cleaning compound to 4 parts fresh water. NSN 6850-00-181-7594 will get you a 1-gal pail. A 55-gal drum carries NSN 6850-00-181-7597.



If frost is on the pumpkin and the outside air temperature is -20 degrees F to 40 degrees F, mix the cleaning solution like so:



Use 1 part B&B 3100 cleaning detergent compound to 4 parts of a solution made up of 40 per cent methanol, specification O-M-232, and 60 per cent water. NSN 6810-00-597-3808 will get you a 1-gal can of methanol.